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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>Customer No.</i>	49437	}
		}
<i>Group</i>	1656	}
		}
<i>Inventor</i>	Ihlenfeldt et al.	}
		}
<i>Confirmation No.:</i>	5091	}
		}
<i>Application No.:</i>	10/680,635	}
		}
<i>Invention:</i>	Deoxynucleoside Kinase From Insect Cells For The Synthesis Of Nucleoside Monophosphates	}
		}
<i>Filed:</i>	October 7, 2003	}
		}
<i>Attorney Docket:</i>	6398-201320	}
		}
<i>Examiner:</i>	Alexander Kim	}

**Filed Electronically On:
November 7, 2007**

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID
SEQUENCE DISCLOSURES**

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22213-1450

Sir:

In response to the NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES mailed October 25, 2007 (a copy of which is attached), Applicants submit concurrently herewith a substitute "Sequence Listing" in computer readable form. Please replace the Sequence Listing previously submitted on June 22, 2007 as a SEQ.TXT file, with the Sequence Listing submitted herewith. **The content of the paper copy submitted as SEQLIST on June 22, 2007, and the computer-readable copy of the Sequence Listing submitted herewith, in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are identical. The Sequence Listing submitted herewith in computer readable form includes no new mater.**

Appl. No. 10/680,635
Reply to Notice to Comply of October 25, 2007

Applicants do not believe that a fee is required for filing the instant response. If any fee is required, the Commissioner is hereby authorized to charge the same to Barnes & Thornburg LLP Deposit Account No. 10-0435, with reference to our matter 6398-201320.

Respectfully submitted,



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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/680,635	10/07/2003	Hans-Georg Ihlenfeldt	6398-201320	5091
49437 7590 10/25/2007 BARNES & THORNBURG LLP (Roche) 11 SOUTH MERIDAN STREET INDIANAPOLIS, IN 46204			EXAMINER KIM, ALEXANDER D	
			ART UNIT 1656	PAPER NUMBER
			MAIL DATE 10/25/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10680635	10/7/2003	IHLENFELDT ET AL.	6398-201320

BARNES & THORNBURG LLP (Roche)
11 SOUTH MERIDAN STREET
INDIANAPOLIS, IN 46204

EXAMINER

Alexander D. Kim

ART UNIT	PAPER
1656	10172007

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

A sequence non-compliance notice, Notice to Comply and the copy of error message are enclosed.

**RICHARD HUTSON, PH.D.
PRIMARY EXAMINER**

Notice to Comply	Application No.	Applicant(s)	
	10/680,635	IHLENFELDT ET AL.	
	Examiner	Art Unit	
	Alexander D. Kim	1656	

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: See the attached copy of error message.

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (571) 272-2510 or (571) 272-2533

For CRF Submission Help, call (571) 272-2510 or (571) 272-2533

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